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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
07/012,598	01/27/1987	CHARLES F. CHUBB JR.	N-1034A	3778
7590	05/13/2005		EXAMINER	
WALTER G. SUTCLIFF NORTHROP GRUMMAN CORPORATION P.O. BOX 17319, MAIL STOP A440 BALTIMORE, MD 212037319			BLUM, THEODORE M	
			ART UNIT	PAPER NUMBER
			3662	

DATE MAILED: 05/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application Serial No. 67-012,598

**SECRECY ORDER**

35 U.S.C. §§181-188

Including: Permit for Disclosing Subject Matter to Government Employees and Other Specified Persons  
("Permit A")

The above-identified patent application contains subject matter the unauthorized disclosure of which would, in the opinion of the sponsoring defense agency be detrimental to the national security.

**ALL PRINCIPALS<sup>1</sup> IN THIS APPLICATION ARE ORDERED TO KEEP THE SUBJECT MATTER THEREOF IN SECRECY UNDER 35 U.S.C. §181.**

The subject matter of this application may not be published or disclosed to any person except as specifically authorized herein or subsequently authorized by written modification of this Secrecy Order granted by the Commissioner of Patents & Trademarks (see 37 CFR §5.5).

Unauthorized publication or disclosure of the subject matter of this patent application may result in abandonment of the application (35 U.S.C. §182) and additionally subject the person publishing or disclosing the subject matter to the penalties of 35 U.S.C. § 186.

The subject matter of this application must be safeguarded under conditions that will provide adequate protection and prevent access by unauthorized persons. When copies of the subject matter are no longer needed, they should be destroyed by a method that will prevent disclosure of the contents or reconstruction of the document.

The subject matter of this application may not be disclosed to any person except as authorized herein without written modification of this Secrecy Order by the Commissioner of Patents & Trademarks.

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<sup>1</sup> 1 "Principals" include all patent applicants, their heirs, assignees, licensees and their attorneys and agents.

This Order should not be construed in any way to mean that the U.S. Government has adopted or contemplates adoption of the invention disclosed in this application and it is not any indication of the value of such invention. Additionally, this Order is not an indication in and of itself that the subject matter of this application is or should be classified.

Any other patent application already or hereafter filed in the U.S. or any foreign country which contains any significant part of the subject matter of the above-identified patent application also falls within the scope of this Order. If such other patent application is not currently under a Secrecy Order imposed by the U.S. Patent and Trademark Office, it and the common subject matter must be brought to the immediate attention of:

Mail Stop L&R  
Commissioner of Patents  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

This Secrecy Order was recommended to the Commissioner of Patents & Trademarks by the following sponsoring defense agency:

ARMY  
 NAVY  
 AIR FORCE  
 HOMELAND SECURITY  
 \_\_\_\_\_

- Questions regarding the reasons for imposing this Secrecy Order should be directed to the sponsoring defense agency. A contact for each defense agency is attached.
- Questions regarding the substantive examination of the patent application should be directed to the patent examiner
- Questions pertaining to the administrative handling of the application or the Secrecy Order should be directed to the Licensing and Review Branch of the Patent & Trademark Office at (571) 272-6617.

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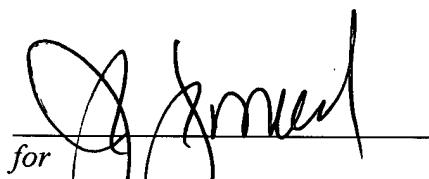
**Permit for Disclosing to Government Employees and Other Specified Persons  
("Permit A")**

The principals designated in this Order are authorized to disclose the subject matter to any person of the classes hereafter specified if such person is known to the principal disclosing to be concerned-directly-in an-official-capacity with-the subject matter provided that all reasonable safeguards are taken to otherwise protect the invention from unauthorized disclosure. The specified classes are:

- any officer or employee of any department, independent agency or bureau of the Government of the United States; or
- any person designated specifically by the head of any department, independent agency or bureau of the Government of the United States, or by his duly authorized subordinate, as a proper individual to receive the subject matter.

Principals under this Order are further authorized to disclose the subject matter of this application to the minimum necessary number of persons of known loyalty and discretion, employed by or working with the principals or their licensees and whose duties involve cooperation in the development, manufacture or use of the subject matter by or for the Government of the United States, provided such persons are advised of the issuance of this Order.

The provisions of this permit do not in any way lessen responsibility for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and national security.

  
for

Donald T. Hajec  
Director, Technology Center 3600  
(571) 272-5150

February 11, 2005

Commissioner of Patents and Trademarks  
U.S. Patent and Trademark Office  
Attn: Security Group, Licensing & Review  
Crystal Park #5 - Suite 3D07  
2451 Crystal Drive  
Arlington, Virginia 22202

Dear Sir:

This is to notify you, on behalf of the agency who caused the Secrecy Order to be issued on the below-identified patent application, that an affirmative determination has been made, on behalf of the Secretary of the Navy, that the national interest requires that the invention continue to be kept secret and that the grant of a patent continue to be withheld.

Serial No.: **07/012,598**  
Filed: 1/27/1987  
Inventor: CHARLES F. JR CHUBB  
Title: WARPED PLANE PHASED ARRAY MONOPULSE RADAR  
ANTENNA  
Prosecuted by:  Govt  Contractor  Unknown  
(Navy Case 0)  
Sponsor: NAVSEA

The Current Secrecy Order expiration date is 10/11/2008.

Accordingly, it is recommended that the Secrecy Order be renewed.

Sincerely,



TIFFANY A. MCNAIR  
By direction of  
Chief of Naval Research